

May-25-06 15:44

From:HOGAN & HARTSON

T-980 P.001/011 F-847

**HOGAN & HARTSON L.L.P.**

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**IMPORTANT NOTICE**

**TELECOPY/FACSIMILE COVER LETTER**

TO: Office of Initial Patent Examination's  
Filing Receipt Corrections

DATE: 5/25/2006

FROM: Reynaldo F. Gallardo

TIME: 3:33 PM

TOTAL NO. OF PAGES, INCLUDING COVER: 11

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**MESSAGE:**

417

U.S. Patent Application No.: 10/532,471 Our Ref. No.: 81784.0326

This is to follow-up on our request to correct "Filing Receipt" on 02/06/06 (copy attached). Please note that in the "Title Section," the Title is incorrect and it should read as follows: "IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL."

Attached for your reference the documents that we filed on 04/22/05. Please provide us with the Corrected Filing Receipt as soon as possible. Thank you.

**FOR INTERNAL PURPOSES ONLY**

TELECOPY/FAX NUMBER: 571-273-8300  
CLIENT NUMBER: 81784.0326  
ATTORNEY BILLING NUMBER: Reynaldo F. Gallardo  
CONFIRMATION NUMBER: 213-337-6701



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE RECD	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/632,417	04/22/2005	2612	900	81784.0326	4	6	1

CONFIRMATION NO. 1778

26021  
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## FILING RECEIPT



"OC000000017275748"

Date Mailed: 10/20/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Takashi Tanimoto, Gifu, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 26021.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/14971 11/26/2003

## Foreign Applications

JAPAN 2002-342659 11/26/2002

Projected Publication Date: 01/26/2006

Non-Publication Request: No

Early Publication Request: No

## Title

" Image pickup device having a plurality of solid-state image pickup elements "

Current Title: Image pickup device which combines image signals of a plurality of systems and outputs a

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*✓* OCT 27 2005  
 DOCKETING

Preliminary Class  
348

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Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**IMPORTANT NOTICE****TELECOPY/FACSIMILE COVER LETTER**TO: Office of Initial Patent Examination'sDATE: 2/6/2006Filing Receipt CorrectionsFROM: Mr. Reynaldo F. GallardoTIME: 5:18 PMTOTAL NO. OF PAGES, INCLUDING COVER: 7 pages

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Please note the error on the attached Filing Receipt on the Title Section is wrong. The correct title: **"IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL."** Attached for your reference the documents that we filed on April 22, 2005. Please provide us with the Corrected Filing Receipt as soon as possible.

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TELECOPY/FAX NUMBER: 571-273-8300  
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 ATTORNEY BILLING NUMBER: Reynaldo F. Gallardo  
 CONFIRMATION NUMBER: 213-337-6701

FILE

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TO: Office of Initial Patent Examination's  
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 FROM: Mr. Reynaldo F. Gallardo

DATE: 2/6/2006TIME: 4:52 PMTOTAL NO. OF PAGES, INCLUDING COVER: 7 pages

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## MESSAGE:

Please note the error on the attached Filing Receipt on the Title Section is wrong. The correct title: "IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL." Attached for your reference the documents that we filed on April 22, 2005. Please provide us with the Corrected Filing Receipt as soon as possible.

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TELECOPY/FAX NUMBER: 703-744-9195  
 CLIENT NUMBER: 81784.0226  
 ATTORNEY BILLING NUMBER: Reynaldo F. Gallardo  
 CONFIRMATION NUMBER: 213-337-6701

PATENT  
Attorney Docket No: 81784.0326

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takashi TANIMOTO

Serial No: Not assigned

Filed: April 22, 2005

For: Image Pickup Device Which Combines Image Signals of  
a Plurality of Systems and Outputs a Combined Signal

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL  
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Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 1000.00 as filing fee
- check in amount of \$ 40.00 as assignment recordation fee
- patent application (23 page(s) of specification; 6 claim(s); 1 page(s) of abstract
- 4 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to SANYO ELECTRIC CO., LTD.
- Information Disclosure Statement with 2 references
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Date: April 22, 2005

Hogan & Hartson, LLP  
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 Los Angeles, California 90071  
 Telephone: 213-337-6700  
 Facsimile: 213-337-6701

Christopher Bostrom

Name of person mailing papers

Christopher Bostrom

Signature

## PCT Applicant's Guide - Volume II - National Chapter - US

Annex US.II, page 1

FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 81784.0326
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) Not assigned	
INTERNATIONAL APPLICATION NO.  PCT/JP2003/014971	INTERNATIONAL FILING DATE  25 November 2003 (11/25/03)	PRIORITY DATE CLAIMED  26 November 2002 (11/26/02)	
TITLE OF INVENTION  Image Pickup Device Which Combines Image Signals of a Plurality of Systems and Outputs a Combined Signal			
APPLICANT(S) FOR DO/EO/US  Takashi TANIMOTO			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 16. below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment</p> <p><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input type="checkbox"/> Other items or information:</p>			

Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

- 1 -

#### DESCRIPTION

IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL

5

#### Technical Field

The present invention relates to an image pickup device which images a plurality of object images by using a plurality of solid-state image pickup elements, combines image signals of a plurality of systems obtained thereby and outputs a combined signal.

#### Background Art

In an image pickup device such as a digital still camera, there have been considered mounting a plurality of solid-state image pickup elements in order to image a plurality of object images, combining image signals of a plurality of systems obtained thereby and displaying a combined signal on a common display screen (see Japanese Application: Japanese Patent Application Laid-open No. 64-62974).

Such an image pickup device is constituted as shown in, e.g., FIG. 4, and comprises a first solid-state image pickup element 1a and a first signal processing circuit 2a as a first image pickup system, a second solid-state image pickup element 1b and a second signal processing circuit 2b as a second image pickup system, and a switch circuit 3 and

PATENT  
81784.0326

Express Mail Label No. EV 548 040 798 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takashi TANIMOTO

Serial No: Not assigned

Filed: April 22, 2005

For: Image Pickup Device Which Combines  
Image Signals of a Plurality of Systems  
and Outputs a Combined Signal

Art Unit: Not assigned

Examiner: Not assigned

TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT

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Dear Sirs:

1.  The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2.  The information disclosure statement transmitted herewith is being filed after the period specified in §1.97(b), but before the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

**§1.97(e) STATEMENT**

I, the person signing below, state:

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OR

that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification

## ASSIGNMENT

(1-8) <i>Insert Name(s) of Inventor(s)</i>	(1) Takashi TANIMOTO	(5)
	(2)	(6)
	(3)	(7)
	(4)	(8)
In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9) <i>Insert name of Assignee</i>	(9) SANYO ELECTRIC CO., LTD.	
(10) <i>Insert state of Incorporation of Assignee</i>	(10) Japan	
(11) <i>Insert address of Assignee</i>	(11) of 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as	
(12) <i>Insert identification of Invention, such as Title, Case Number or Foreign Application Number</i>	(12) IMAGE PICKUP DEVICE WHICH COMBINES IMAGE SIGNALS OF A PLURALITY OF SYSTEMS AND OUTPUTS A COMBINED SIGNAL	
for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.		
(13) <i>Insert Date of Signing of Application</i>	(13) on February 14, 2005	
1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.		
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.		
4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.		
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.		
6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; WILLIAM H. WRIGHT, Reg. No. 36,312; STEVEN K. BARTON, Reg. No. 36,445; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278; and YING CHEN under 37 C.F.R. § 10.9(b) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.		

Date: February 14, 2005 Signature of Inventor Takashi Tanimoto

Date: \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

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